

UNIVERSAL PROPULSION COMPANY, INC -- CARTRIDGE MORTAR 1005-3 -- 1377-01-052-8207
===== Product Identification =====

Product ID:CARTRIDGE MORTAR 1005-3

MSDS Date:09/20/1989

FSC:1377

NIIN:01-052-8207

MSDS Number: BJHVS

=== Responsible Party ===

Company Name:UNIVERSAL PROPULSION COMPANY, INC

Address:BLACK CANYON STAGE 1

Box:1140

City:PHOENIX

State:AZ

ZIP:85027

Info Phone Num:(602) 869-8067

Emergency

Phone Num:(602) 869-8067

CAGE:51998

=== Contractor Identification ===

Company Name:UNIVERSAL PROPULSION CO

Address:25401 N CENTRAL AVENUE

Box:City:PHOENIX

State:AZ

ZIP:85027-7899

Country:US

Phone:602-516-3340

CAGE:51998

===== Composition/Information on Ingredients =====

Ingred Name:CYCLONITE

CAS:121-82-4

RTECS #:XY9450000

OSHA PEL:S, 1.5 MG/M3

ACGIH TLV:S, 1.5MG/M3; 9192

Ingred Name:CUBIC BORON NITRIDE, BORON POTASSIUM NITRATE

CAS:10043-11-5

Fraction by Wt: 1% G

Ingred Nam

e:IGNITOR MIX
Fraction by Wt: 0.125% G

Ingred Name:RUBBER PROPELLANT
Fraction by Wt: 4% G

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Hazards Identification
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Explanation of Carcinogenicity:NONE

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Fire Fighting Measures
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Fire Fighting Procedures:DON'T FIGHT FIRES. IF IGNITION OCCURS,
EVACUATE THE AREA UNTIL UNITS HAVE BURNED OUT. CARTRIDGE
WILL BE
PROPULSIVE.
Unusual Fire/Explosion Hazard:DOT EXPLOSIVE POWER DEVICE CLASS C
EXPLOSIIVE.

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Accidental Release Measures
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Spill Release Procedures:IF THE CARTRIDGE IS UN DAMAGE, IT MAY BE PICKED
UP/RETURNED TO ORIGINAL SHIPPING CONTAINER OR EQUIVALENT. VERIFY
SHORTING CLIP IS IN PLACE ON IGNITER PLUG.

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Handling and Storage
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Handling and Storage Precautions:DON'T DROP OR ROUGH HANDLE IN AN W
AY.
WHEN SHORTING CLIP IS REMOVED FROM IGNITION PLUG, AVOID ALL
EXPOSURE TO ELECTROSTATIC ENERGY/ELECTRICAL ENERGY.
Other Precautions:DON'T EXPOSE TO HEAT OR OPEN FLAME. DON'T EXPOSE TO
ELECTRICAL DISCHARGE OF ANY SORT/KEEP SHORTING CLIP IN PLACE.

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Exposure Controls/Personal Protection
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Eye Protection:SAFETY GLASSES
Other Protective Equipment:RECOMMEND FLAME RESISTANT CLOTHING
Supplemental Safety and Health

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Stability and Reactivity Da

ta =====

Stability Indicator/Materials to Avoid: YES

Stability Condition to Avoid: HEAT, OPEN FLAME, ELECTRICAL DISCHARGE

===== Disposal Considerations =====

Waste Disposal Methods: IF THE CARTRIDGE IS DAMAGED OR NEEDS TO BE DISPOSED OF FOR ANY REASON, IT SHOULD BE DISPOSED OF ONLY BY PERSONS QUALIFIED TO DISPOSE OF EXPLOSIVES, AT AN APPROVED SITE, UNDER APPROVED PROCEDURES.

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